



Naval Information Warfare Center Atlantic

COVID-19 Impact to the Workforce and Guidance to Industry

Charleston Defense Industry Association
**Small Business and Industry Outreach
Initiative Virtual Symposium**

7 May 2020

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NIWC Atlantic
Executive Director

Commitment to Mission

- ▼ Mandatory maximum telework
- ▼ ED approval of mission essential travel and military leave
- ▼ Shift work for on-site personnel to maximize social distancing
- ▼ Mask wear guidance when unable to maintain social distancing
- ▼ Maximize engagement with industry to:
 - Provide specific support to national COVID-19 response as requested/coordinated
 - Maintain NIWC Atlantic mission essential activity in support of sponsors and operational forces
- ▼ Planning for a “phased return-to-worksites plan” and greater use of telework and collaboration as the new normal

ASN RD&A Rigging for Speed – 17 March Edition

Keep in the Fight

▼ Focus on yourself

- Keep yourself home
- Keep moving
- Keep realistic

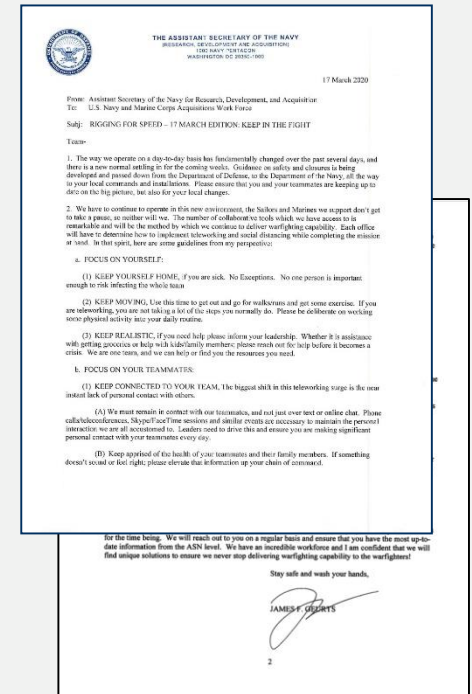
▼ Focus on your teammates

- Keep connected to your team
- Keep leading
- Keep improving

▼ Focus on mission

- Keep engaged
- Keep compliant
- Keep connected to industry
- Keep in touch

None of us know exactly how long this is going to last, but we need to be prepared to operate like this for the time being. ... I am confident that we will find unique solutions to ensure we never stop delivering warfighting capability to the warfighters!

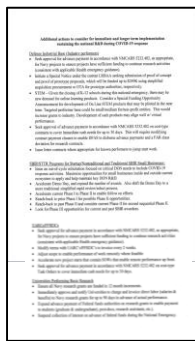


Stay safe and wash your hands,

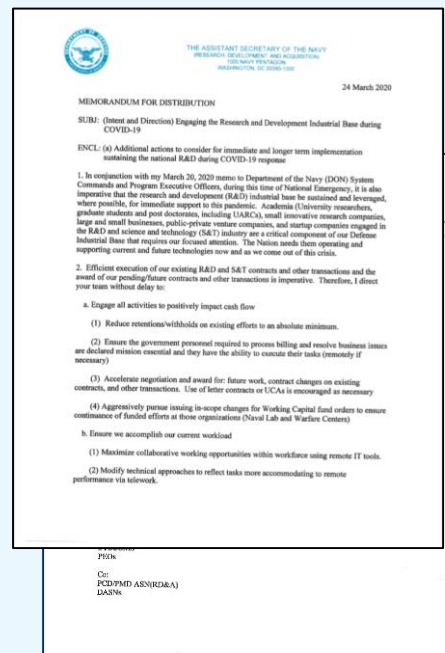
JAMES F. GEURTS

ASN RD&A Rigging for Speed – 24 March Engaging the R&D Industrial Base during COVID-19

- ▼ It is imperative that the R&D industrial base be sustained and leveraged
 - Engage all activities to positively impact cash flow
 - Ensure we accomplish our current workload
 - Bring new partners into the enterprise
- ▼ Additional actions to consider for immediate and longer term implementation sustaining the national R&D during COVID-19
 - Defense Industry Base
 - SBIR/STTR Programs for Startup/Nontraditional and Traditional SBIR Small Businesses
 - UARCs/FFRDCs
 - Universities Performing Basic Research



This is a National Emergency, thus the Navy acquisition community will move out accordingly. Bold action is required as the DON's R&D leaders your implementation of this memo's measures is critical for maintaining the U.S.'s R&D capabilities.



Consistent Keys to Success

▼ Acquisition Fundamentals

- Focus on balancing cost, schedule, performance
- Intensive team activity
- Dedicated to getting best deal for taxpayer and delivering best capability to the warfighter

▼ Inextricable Link Between Technology & Warfighting

- Iterative loops between concepts of operations & technology
- Technologists must establish and maintain close relationship/understanding/empathy for the warfighter
- Warfare centers have key role in connecting warfighters to programs; driving technology & capability

▼ Innovative, Resilient, Resourceful Workforce (Military, Civilian, Contractor)

- Need to be empathetic to warfighter's operating environment/needs (UX)
- Leverage both the technologist's & warfighter's innovation and creativity

▼ Leadership

- Servant leadership based on mutual expectation of character and competence between leader and led.

Challenge & Opportunity Dilemmas

▼ Centralized management vs. decentralized management.

▼ Information security vs. sharing & collaboration

- DOD/DON guidance to protect classified & unclassified information from determined adversary collection efforts
 - DODI 5230.24, Distribution Statements on Technical Documents
 - DoD Manual 5200.45, Instructions for Developing Security Classification Guides
- Research imperative to collaborate & publish
- Guidance to engage / collaborate with industry & academia
- **“New normal” of social distancing with need to collaborate**
 - Collaboration tools

▼ Programmatic risk vs. innovation

- PMs/PEOs driven to “Performance to Plan”/ABPA – maintain cost, schedule, performance
- Pace of technology, threat, user demands drive rapid innovation and capability improvements

▼ Rapid prototyping vs. long-term, basic research

- Strategic investment (6.1 – 6.3) to develop “game changer” technologies
- Drive to place in warfighters hands in a militarily useful timeframe

▼ Balance across today’s readiness and future lethality

NavalX – Tech Bridges

Building networks, breaking down silos and connecting people!

Accelerating the pace of discovery, learning and experimentation.

Making change easier.

<https://www.public.navy.mil/navwar/Atlantic/Pages/PalmettoTechBridge.aspx>

<https://www.secnav.navy.mil/agility>

Mr. Michael Merriken
Director, Palmetto Tech Bridge
NIWC Atlantic



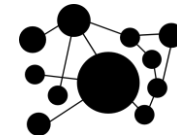
Great space in town –
a “business commons”
or “innovation
collective”



Collaboration with
naval technologists and
facilities



Connect to programs
for requirements,
funding paths and user
feedback

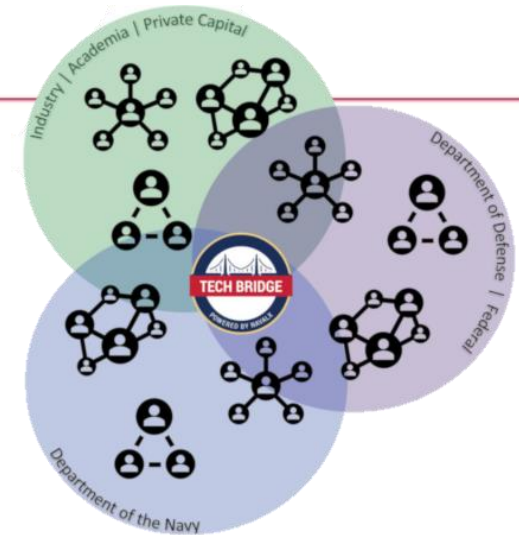


Improved partnerships with
academia, small business,
startups, venture capital,
non-profits and local
organizations

NavalX connects both the internal DON and external DON partners to increase awareness and access to best practices and technologies.

In the Works

- ▼ Initial planning for NIWC Atlantic OASIS/PTB next week
- ▼ NIWC Atlantic to release a RFI for the first PTB Technology Challenge; Network and Data Center Intelligent Assistant
 - Open for 30 days with a Q&A webinar set for 19 May
 - Prize Challenge would follow
- ▼ NavalX is soon to announce the Mid-Atlantic Tech Bridge (MATB)
 - Based in Hampton Roads, Virginia, the MATB will be a partnership of three Naval Warfare Centers in the area; each will take on lead roles based upon their specific strengths in the partnership.
 - Naval Surface Warfare Center (NSWC) Dahlgren Dam Neck Activity
 - NSWC Carderock Norfolk Detachment
 - NIWC Atlantic Hampton Road Detachment
- ▼ Targeting July to have the PTB off-site facility open
 - Opportunity for PTB first technical event to host is an interchange with industry and academia around the OASIS/PTB capabilities



OASIS

Introduction to Software Factories

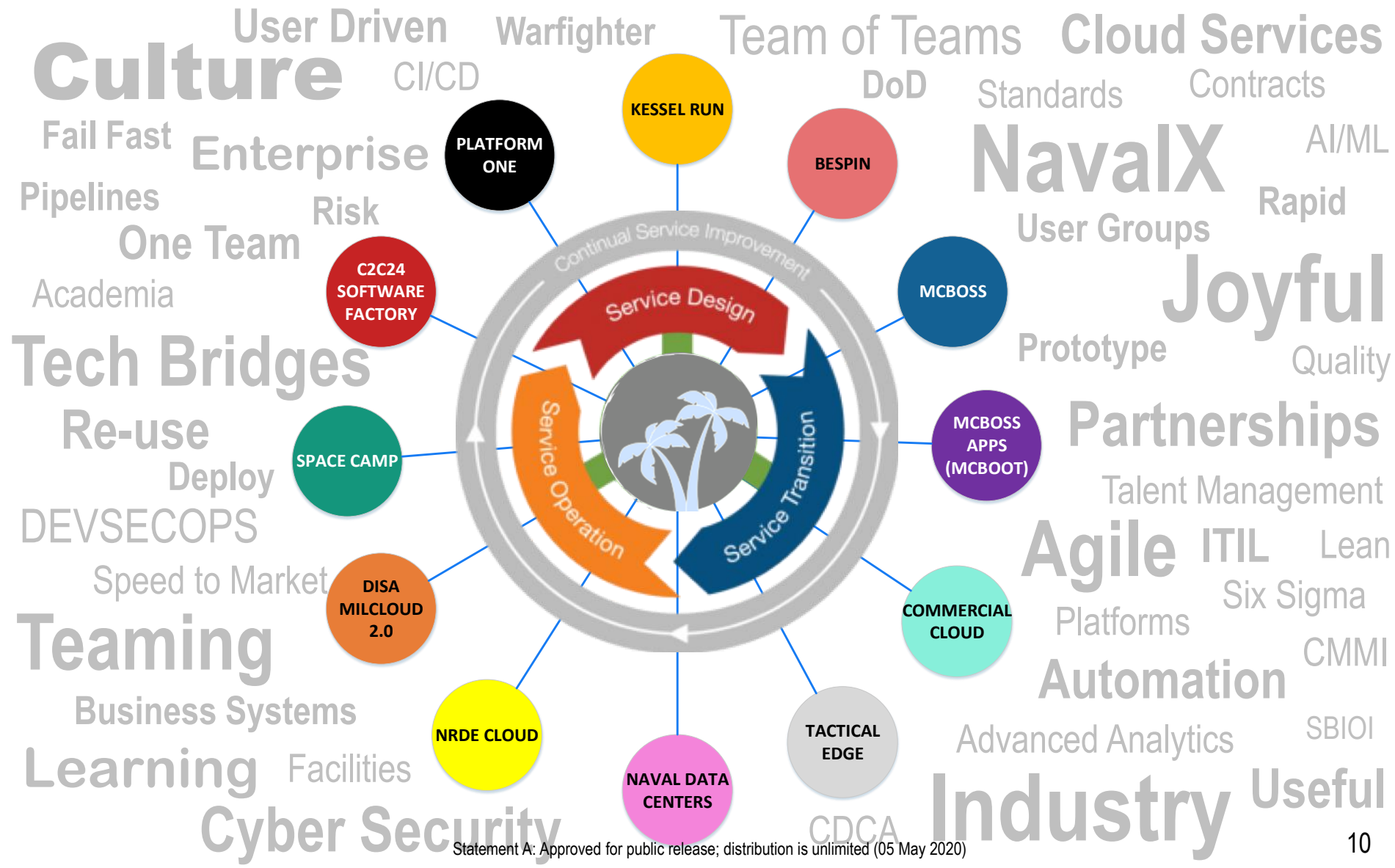


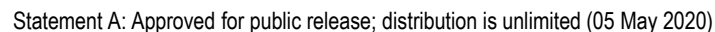
- ▼ The NIWC Atlantic OASIS is an enterprise Agile software development capability modeled after the US Air Force Kessel Run Software Factory.
- ▼ OASIS delivers the first accredited Naval DEVSECOPS software development pipeline capability supporting advanced levels of automation and the first accredited software factory with a “Continuous ATO”.
- ▼ OASIS includes access to development platforms from multiple sources such as:
 - USAF Kessel Run
 - Navy C2C24
 - USMC MCBOS
 - Platform One
 - BESPIN



OASIS

Building an Ecosystem







Serve our Nation by delivering information warfare solutions that protect national security. WIN THE INFORMATION WAR.



NIWC Atlantic is part of the Naval Research & Development Establishment (NR&DE)

Web: <https://www.public.navy.mil/navwar/Atlantic> Facebook: <https://www.facebook.com/NavalInformationWarfareSystemsCommand>

Twitter: <https://twitter.com/navwarHQ> Instagram: <https://www.instagram.com/spawarhq/> LinkedIn: <https://www.linkedin.com/company/spawar/>

Glassdoor: https://www.glassdoor.com/Overview/Working-at-SPAWAR-Systems-Center-Atlantic-EI_IE638508.11,41.htm

Employment opportunities: <https://www.usajobs.gov/> NIWC Atlantic Small Business: <https://www.public.navy.mil/navwar/Atlantic/Pages/ForIndustry.aspx>

NAVWAR Contract Directorate Office: <https://e-commerce.sscno.nmci.navy.mil>